AMENDMENTS TO THE SPECIFICATION:

Please amend the paragraph beginning at page 1, line 4, as follows:

Technical ~~field~~ Field ~~of the Invention~~

Please amend the paragraph beginning at page 1, line 12, as follows:

Background ~~of the invention~~

Please amend the paragraph beginning at page 3, line 2, as follows:

Summary ~~of the invention~~

Please amend the paragraph beginning at page 4, line 7, as follows:

Brief ~~description~~ Description of the ~~drawings~~ Drawings

Please amend the paragraph beginning at page 4, line 26, as follows:

Detailed ~~description of embodiments~~ Description

Please amend the paragraph beginning on page 6, line 15, as follows:

Figure 1 schematically illustrates a first embodiment of the apparatus improving the telecommunication system. In Fig 1 two user terminals 10, 20 are illustrated, each of which is separately connected to a net terminal 12, 22, The net terminal 12, 22 operates as a gateway between the user terminal 10, 20 and the xDSL enhanced telephone network begins at the wall socket and continues outside of the building of the user terminals 10, 20 with copper cables and telephone exchanges. The net terminal 12, 22, including at least one PSTN modem 16, 26 and an xDSL modem 18, 28, provides the user terminal 10, 20 and its subscribing user with access to xDSL services. From the net terminal ~~10, 20~~ 12, 14 a copper pair cable 14, 24 leads to a main distribution frame 30, which is

divided into two devices, i.e. the line side device 32 and the station side device 34. The two devices of the main distribution frame 30 are preferably integrated and connection between the line side device 32 and the station side device 34 is done by means of so-called jumpers 33. In prior art, these jumpers 33 usually must be manually re-connected in a plurality of combinations depending on in which manner customers of a provider of communication services, a so-called operator, are willing to subscribe to the operator's various customer services.

Please amend the paragraph beginning on page 7, line 1, as follows:

In order for an xDSL modem to function, a filter must be provided. According to the present invention, a filter arrangement 36 is arranged in the station side device ~~32~~ 34 of the main distribution frame 30 containing one filter per expected or potential user terminal 10, 20 to connect to the PSTN via a provided xDSL customer service. Hereby no so-called rejumpering, i.e., disconnection and then re-connection of a jumper, is required since each potential user in theory is provided with the xDSL service in advance, even though the service must not have been fully ~~realised~~ realized by financial activation of the connection. One example is that the subscriber has not yet received his own net terminal 12, 22. Installation of a filter arrangement 36 is easy and does not require technically trained staff, since user tables or other more or less complicated registers of already connected jumpers and jumpers to be connected or disconnected to a particular connector is no longer necessary. In addition to that advantage, the time of installation can be significantly reduced.

Please amend the paragraph beginning on page 8, line 1, as follows:

The net terminal ~~10, 20~~ 12, 22 also includes an in-band modem, like for instance a standard V.90 modem. By means of this standard modem, an initial connection is established with a broadband access control server 70. The initial connection is established with the broadband access control server 70 via the station side 34 of the main distribution frame 30 and a central office 60. The central office 60 has an arrangement of line cards 65 including several state of the art access possibilities and transmission techniques, such as for instance PSTN and ISDN. The connection from the central office 60 to the broadband access control server 70 is via the Internet, whereby an communicative internet protocol is used, such as the well-known protocol TCP/IP. When the broadband access control server 70 has been connected, it transfers information required for initializing xDSL by means of the modem pool 50 to the metallic cross connection 40.

Please amend the paragraph beginning on page 8, line 14, as follows:

A further possibility is that the broadband access control server 70 also retrieves user information in the form of a plurality of user specific parameters, in order to get the net terminal ~~10, 20~~ 12, 14 and the specific modem of the xDSL modem pool 50 to operate in a way expected by the customer. In one embodiment, the broadband access control server 70 is supported by a management system 80 for providing the metallic cross connection 40 and the modem pool ~~40~~ 50 with user specific instructions, whereby the functionality can be adapted to requirements of each specific user of the xDSL

connected user terminal 10, 20. In case of applying a management system 80, it communicates with either of, or with both of the metallic cross connection 40 and the xDSL modem pool 50 via the Internet. However, in another embodiment according to the invention, the tasks of the management system 80 are performed by the broadband access control server 70.

Please amend the paragraph beginning on page 10, line 13, as follows:

However, ~~is~~ if the communication is interrupted by ~~outer~~ conditions of any kind, such as for instance mistakes during installation or activation, instabilities in power distribution, PSTN signal interference in network, etc, both of the switch over functions are deactivated by the broadband access control server 70 and the transmission is continued on the previously used PSTN narrowband connection. The transmitted information message still reach their addresses, but of course at a much lower transmission rate. As soon as the instabilities or power interruptions end, the high speed connection can be re-established and re-activated for faster transmission. The deactivation of the switchover functions may also be performed deliberately by the operator or the subscriber when anyone of them has reasons for doing so.